

## **LIGHT-COLLECTING ILLUMINATION SYSTEM**

### **ABSTRACT**

Light-collecting illumination systems are disclosed, which include a light source  
5 module, a first meniscus lens having a convex side and a concave side and a second meniscus  
lens having a convex side and a concave side. The concave side of the second meniscus lens  
is adjacent to the convex side of the first meniscus lens and the concave side of the first  
meniscus lens faces the light source module for receiving light therefrom. In addition, light-  
collecting illumination systems are disclosed, which include a plurality of light source  
10 modules and a system of optical elements comprising a plurality of pairs of meniscus lenses,  
each pair being associated with a light source module.